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## Recombinant human COX2 protein, N-His

Catalog Number: bs-41439P

Concentration: >0.5 mg/ml

Species: Human

AA Seq: 300-604/604

Predicted MW: 35

Detected MW: 35 kDa

Tags: N-His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

Form: Liquid

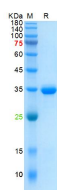
Storage: 20mM Tris-HCl (pH8.0) 0.02% Proclin300 with 10% Glycerol.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozyms of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of expression and tissue distribution. This gene encodes the inducible isozyms. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis. [provided by RefSeq, Feb 2009]

### VALIDATION IMAGES

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The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.